

Data Recording Sheet

Level 1

Environmental Project

Site: Swamp 1 Year: 2012

	1 st Visit	2 nd Visit	3 rd Visit	4 th Visit	5 th Visit
Date	3/15	4/2			
Time	8:00 am	8:06 am			
Water Temperature	6°C	5°C			
Water Depth (cm)	N/A	11 cm			
Sediment Depth (cm)	N/A	49 cm			
Water Clarity 1=Clear 4=Cloudy	3	3			
Water Color	Yellow-brown	Yellow			
Flow Velocity (cm/s)	N/A	0 cm/s			
pH	N/A	4			
Dissolved O2 (ppm)	N/A	1.2 ppm			
Dissolved CO2 (ppm)	40 ppm	69 ppm			
Litter Type	Red Oak leaves	Red Oak leaves and pine needles			
Litter Depth (cm)	N/A	3 cm			
Soil Temp – Surface	5°C	5°C			
Soil Temp – 5cm deep	5.5°C	4.5°C			
Air Temp Sun	N/A	N/A			
Air Temp Shade	4°C	4°C			
% sun on water	0%	0%			
% ice on water	0%	0%			
Ice thickness (cm)	0 cm	0 cm			
Permeability	N/A	1:29			

Notes: The 2nd visit was much better than the 1st visit since we worked more efficiently. There was no sun so we couldn't take the air temp in the sun. The starch for the O2 testing wasn't working so it delayed the testing for a while. Thanks to Ms. Shenker we finished the O2 testing before going back inside. While we were sampling we noticed the red oak's flower-like buds.